

RN 9031-56-5 (LIGASE)
60267-61-0 (UBIQUITIN)

=> d his

(FILE 'HOME' ENTERED AT 08:54:54 ON 03 AUG 2004)
SET COST OFF

FILE 'HCAPLUS' ENTERED AT 08:55:06 ON 03 AUG 2004
E UDD

L1 4 S E3,E4 (L) ?PROTEIN?
L2 148 S E3,E4 NOT L1

FILE 'REGISTRY' ENTERED AT 08:56:30 ON 03 AUG 2004
L3 1 S 60267-61-0

FILE 'HCAPLUS' ENTERED AT 08:56:37 ON 03 AUG 2004

L4 5415 S L3
L5 1 S L3,L4 (L) DEPENDENT DEGRAD? PROTEIN
L6 1 S UBIQUITIN? (L) DEPENDENT DEGRAD? PROTEIN
L7 4 S L1,L5,L6
L8 1 S L7 AND AIRWAY
L9 4169 S COPD OR CHRONIC (L) OBSTRUC? (L) (LUNG OR PULMON? OR AIRWAY O
L10 2277 S CHRONIC (L) BRONCHIT?
L11 2197 S CHRONIC (L) ?INFLAM? (L) (LUNG OR PULMON? OR AIRWAY OR RESPIR
E CHRONIC BRONCHITIS/CT
E E3+ALL
L12 333 S E2
E COPD/CT
E CHRONIC OBSTRUCTIVE/CT
E E4+ALL
L13 2663 S E2
E CHRONIC INFLAMMATORY/CT
E INFLAMMATORY/CT
E E4+ALL
L14 816 S E2
L15 2 S L1,L2,L4-L8 AND L9-L14
L16 1 S L15 NOT ATROGIN
L17 1 S L8,L16
E JUNG B/AU
L18 104 S E3-E14
E JUNG BIRGIT/AU
L19 48 S E3
E MUELLER S/AU
L20 437 S E3-E19
E MUELLER STEFAN/AU
L21 198 S E3-E9
E MULLER S/AU
E MUELLER STEFAN/AU
L22 85 S E21-E26
E MULLER S/AU
L23 431 S E3-E18
E MULLER STEFAN/AU
L24 94 S E3-E7
L25 30 S E21-E31
E MEULLER/AU
E KRAUT N/AU
L26 3 S E3,E4
L27 1424 S L18-L26
L28 2 S L27 AND L1,L2,L4-L7
L29 1 S L28 NOT HISTONE
L30 1 S L17,L29

FILE 'HCAPLUS' ENTERED AT 09:07:19 ON 03 AUG 2004

FILE 'REGISTRY' ENTERED AT 09:07:23 ON 03 AUG 2004

FILE 'MEDLINE' ENTERED AT 09:07:50 ON 03 AUG 2004

E UDD
L31 12 S E3
L32 0 S L6
L33 14 S L3
E UBIQUITIN/CT
E E3+ALL
L34 2028 S E5+NT
E E4+ALL
L35 5867 S E4+NT
L36 11791 S ?UBIQUITIN?
L37 11839 S L31-L36
E CHRONIC BRONCHITIS/CT
E E3+ALL
E E2+ALL
L38 0 S L37 AND E20+NT
L39 115 S L37 AND E17+NT
E CHRONIC OBSTRUCTIVE/CT
E E5+ALL
E E2+ALL
L40 2 S L39 AND E5+NT
L41 6 S L39 AND E4+NT
L42 6 S L40, L41
L43 3 S L42 AND PY<=2000
L44 5 S L42 AND D12./CT
L45 3 S L43 AND L44
L46 3 S L42 NOT L43, L45

FILE 'MEDLINE' ENTERED AT 09:18:49 ON 03 AUG 2004

L47 3 S L45 AND L31-L46

FILE 'BIOSIS' ENTERED AT 09:20:10 ON 03 AUG 2004

E UDD
L48 15 S E3
L49 0 S ?UBIQUITIN? (L) DEPENDENT DEGRAD? ?PROTEIN?
L50 4493 S L3
L51 4508 S L48, L50
L52 1 S L51 AND L9-L11
L53 3784 S ?UBIQUITIN? AND ?PROTEIN? (L) DEGRAD?
L54 2 S L9-L11 AND L53
L55 2 S L52, L54
L56 2 S L54, L55

FILE 'BIOSIS' ENTERED AT 09:24:56 ON 03 AUG 2004

=> => fil wpix

FILE 'WPIX' ENTERED AT 09:57:30 ON 03 AUG 2004

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FILE LAST UPDATED: 2 AUG 2004 <20040802/UP>
MOST RECENT DERWENT UPDATE: 200449 <200449/DW>
DERWENT WORLD PATENTS INDEX SUBSCRIBER FILE, COVERS 1963 TO DATE

>>> FOR A COPY OF THE DERWENT WORLD PATENTS INDEX STN USER GUIDE,
PLEASE VISIT:
http://www.stn-international.de/training_center/patents/stn_guide.pdf <<<

>>> FOR DETAILS OF THE PATENTS COVERED IN CURRENT UPDATES, SEE

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E MULLER STEFAN/AU
L24 94 S E3-E7
L25 30 S E21-E31
E MEULLER/AU
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L26 3 S E3,E4
L27 1424 S L18-L26
L28 2 S L27 AND L1,L2,L4-L7
L29 1 S L28 NOT HISTONE
L30 1 S L17,L29

=> fil hcaplus

FILE 'HCAPLUS' ENTERED AT 09:07:19 ON 03 AUG 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

L12 333 E E3+ALL
 333 S E2
 E COPD/CT
 E CHRONIC OBSTRUCTIVE/CT
 E E4+ALL
 L13 2663 S E2
 E CHRONIC INFLAMMATORY/CT
 E INFLAMMATORY/CT
 E E4+ALL
 L14 816 S E2
 L15 2 S L1,L2,L4-L8 AND L9-L14
 L16 1 S L15 NOT ATROGIN
 L17 1 S L8,L16
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 E MUELLER STEFAN/AU
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L54 2 S L9-L11 AND L53
L55 2 S L52,L54
L56 2 S L54,L55

FILE 'BIOSIS' ENTERED AT 09:24:56 ON 03 AUG 2004

FILE 'WPIX' ENTERED AT 09:25:06 ON 03 AUG 2004

E JUNG B/AU

L57 1161 S E3-E27
E MUELLER S/AU
L58 451 S E3-E14
E MULLER S/AU
L59 321 S E3-E20
E MEULLER S/AU
E KRAUT N/AU
L60 6 S E3
E UDD/BI,ABEX
L61 50 S E3,E4
L62 830 S ?UBIQUITIN?/BIX
L63 879 S L61,L62
L64 2 S L57-L60 AND L63
L65 8 S A61P011/IPC AND L63
L66 38 S L63 AND (B14-K? OR C14-K?)/MC
L67 0 S L63 AND (B12-K06 OR C12-K06 OR B12-K02 OR C12-K02 OR B12-K01
L68 26 S L63 AND P820/M0,M1,M2,M3,M4,M5,M6
L69 43 S L65-L68
L70 1 S L64 AND L69
L71 42 S L69 NOT L70
L72 25 S L71 AND (PY<=2000 OR PRY<=2000 OR AY<=2000)
L73 16 S L72 AND (UDD OR UBIQUITIN?)/TI
L74 9 S L72 NOT L73
L75 9 S L73 AND ?INFLAM?/BIX
L76 0 S L73 AND COPD/BIX
L77 9 S L75 AND L57-L76
L78 1 S L64 NOT L70

FILE 'WPIX' ENTERED AT 09:57:30 ON 03 AUG 2004

SEL PN L70

FILE 'DPCI' ENTERED AT 09:58:04 ON 03 AUG 2004

L79 1 S E1-E4

FILE 'DPCI' ENTERED AT 09:58:14 ON 03 AUG 2004

FILE 'WPIX' ENTERED AT 09:59:28 ON 03 AUG 2004

L80 3 S (WO9632105 OR WO9901567 OR WO200055173)/PN

L81 1 S L80 AND L57-L78
L82 3 S L80,L81

FILE 'WPIX' ENTERED AT 10:00:45 ON 03 AUG 2004

FILE 'HCAPLUS' ENTERED AT 10:00:55 ON 03 AUG 2004

L83 1 S ADAMS ?/AU AND 1996/PY AND (31 AND 279)/SO
L84 0 S ELOFSSON ?/AU AND 1995/PY AND (6 AND 11 AND 811)/SO
L85 1 S ELOFSSON ?/AU AND (6 AND 11 AND 811)/SO
L86 0 S SANSORES ?/AU AND 1997/PY AND (112 AND 1 AND 214)/SO
L87 1 S YAMANAKA ?/AU AND 2001/PY AND (287 AND 1 AND 198)/SO
L88 1 S MENG ?/AU AND 1999/PY AND (96 AND 18 AND 10403)/SO
L89 4 S L83-L88

FILE 'HCAPLUS' ENTERED AT 10:04:31 ON 03 AUG 2004

FILE 'MEDLINE' ENTERED AT 10:04:57 ON 03 AUG 2004

L90 1 S SANSORES ?/AU AND CHEST/JT AND 1997/PY AND (112 AND 1 AND 214

FILE 'MEDLINE' ENTERED AT 10:05:21 ON 03 AUG 2004

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